

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	((testing tested test) with ((scan shift) near2 (path chain element latch))) and (fail\$4 adj latch) and (observ\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/04 10:35
L2	10	"1130410"	EPO; DERWENT	OR	ON	2006/09/04 12:17
S1	2899	(pattern adj (generator generation)) and (memory with (test tester testing tested))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 17:01
S2	18	(pattern adj (generator generation)) and (memory with (test tester testing tested)) and ((row and column) with size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:46
S3	48	("6178534" "5329167" "5978944" "5640402" "6453436" "5557619" "5442641" "5386392" "5341096" "6191603" "5193092" "5513186" "4989209" "5430735" "5550841" "5657329" "5677917" "5881067" "5886901" "5925144" "6157583" "6212119" "6212119" "5717700" "5477545" "5642362" "5719878" "4996691" "5633606" "5651013" "5774003" "4377757" "5640404" "6014763" "6108805" "6223313" "6223313" "4947357" "5032783" "5221865" "5225724" "5280616" "5381418" "5534798" "5610927" "5636228" "5652527" "5671234" "5691991" "5729553").pn.	USPAT	OR	ON	2006/05/15 10:50
S4	4887	((testing tested test) with ((scan shift) near2 (path chain element latch)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 11:06
S5	1496	((testing tested test) with ((scan shift) near2 (path chain element latch))).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:52
S6	976	((testing tested test) with ((scan shift) near2 (path chain element latch))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:52

## EAST Search History

S7	350	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:53
S8	253827	(path or chain).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:53
S9	74	S8 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:58
S10	0	U5-6,941,498 U5-6,701,476	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:58
S11	4	"6941498".pn. "6701476".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 10:59
S12	13	((testing tested test) with ((scan shift) near2 (path chain element latch))) and (defective adj latch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 11:13
S13	47	((testing tested test) with ((scan shift) near2 (path chain element latch))) and (fail\$4 adj latch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/04 10:24
S14	17	((testing tested test) with ((scan shift) near2 (path chain element latch))) same (fail\$4 adj latch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/15 11:15

## EAST Search History

S15	99	("6016564" "6157210" "6481000" "6897678" "5392296" "5729553" "5894482" "5623502" "5838693" "5450455" "5831993" "6079040" "6185721" "4630270" "5504756" "6271677" "5513123" "5502731" "5544173" "5617427" "6158032" "5254942" "5396170" "6131173" "6345373" "5671235" "6092226" "6145105" "6303771" "6327685" "6330698" "6353093" "6361965" "6389567" "6432703" "6553524" "6681356" "6742152" "6858356" "6928606" "6934897" "6966021" "5596585" "5479414" "4956818" "6574590" "6898748" "5574733" "4947357" "5598421").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 22:12
S16	50	("6016564" "6157210" "6481000" "6897678" "5392296" "5729553" "5894482" "5623502" "5838693" "5450455" "5831993" "6079040" "6185721" "4630270" "5504756" "6271677" "5513123" "5502731" "5544173" "5617427" "6158032" "5254942" "5396170" "6131173" "6345373" "5671235" "6092226" "6145105" "6303771" "6327685" "6330698" "6353093" "6361965" "6389567" "6432703" "6553524" "6681356" "6742152" "6858356" "6928606" "6934897" "6966021" "5596585" "5479414" "4956818" "6574590" "6898748" "5574733" "4947357" "5598421").pn.	USPAT	OR	ON	2006/09/03 22:38
S17	2	"20020006065"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 23:08
S18	2	"20040205427"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 23:08

File 324:German Patents Fulltext 1967-200633  
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 File 348:EUROPEAN PATENTS 1978-2006/ 200633  
 (c) 2006 European Patent Office  
 File 349:PCT FULLTEXT 1979-2006/UB=20060817,UT=20060810  
 (c) 2006 WIPO/Univentio  
 File 350:Derwent WPIX 1963-2006/UD=200654  
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Set	Items	Description
S1	615	FLUSHTEST? OR FLUSH???? ?(2N)TEST???? ?
S2	2978145	PATH? ? OR PATHWAY? OR SCANPATH? OR SCANROUTE? OR ROUTE? ? OR PASSAGE? OR CHANNEL?
S3	155862	S2(5N)(EMPTY? OR EMPTIE? ? OR CLEAR???? ? OR PURG??? ? OR - VACUUM? OR EVACUAT? OR EXHAUST? OR DRAIN? OR VOID? OR SCRUB?)
S4	1834336	AUTOTEST? OR TEST???? ? OR BIST OR MBIST OR SELFTEST? OR S-ELFCHECK? OR SELFCHEQ? OR ABIST OR LBIST OR CHECK???? ? OR CHEQU?
S5	5408954	PROCEDURE? OR PROCESS OR PROCESSES OR PROCESSED OR PROCESSING
S6	7336	(S1 OR S3)(10N)S4:S5
S7	976	(S1 OR S3)(10N)(DIAGNOS? OR SELFDIAGNOS? OR DX OR ANALYS? - OR ANALYZ? OR ANALYT? OR PFA OR ASSESSMENT? OR ASSESS??? ? OR EVALUAT?)
S8	332	(S1 OR S3)(10N)(APPRaisal? OR JUDGE???? ? OR JUDG???? ? OR STUDY? OR STUDIE? ? OR TROUBLESHOOT? OR TROUBLE() (SHOT OR SHOT?) OR DISSECT?)
S9	841506	CHIP OR CHIPS OR MICROCHIP? OR SCANCHAIN? OR SCAN()CHAIN? ? OR IC OR ICS OR SILICONCHIP? OR COMPUTERCHIP?
S10	812728	LATCH OR LATCHES OR WAFER? ? OR SEMICOND? ? OR SEMI() (COND? ? OR CONDUCT?R? ?) OR INTEGRATED() (CIRCUIT??? ? OR CKT? ?)
S11	55352	SHIFTREGIST? OR SHIFT()REGIST??? ?
S12	252514	FET OR FETS OR MOS OR CMOS OR JFET? OR MOSFET? OR FIELD()EFFECT? ?() (DEVICE? ? OR TRANSIST?R? ?)
S13	114	S6(25N)S7:S8
S14	11	S13(50N)S9:S12
S15	69	S7:S8(50N)S9:S12
S16	69	S14:S15
S17	42	S16 AND AC=US/PR AND AY=(1963:2004)/PR
S18	47	S16 AND AC=US AND AY=1963:2004
S19	47	S16 AND AC=US AND AY=(1963:2004)/PR
S20	51	S16 AND PY=1963:2004
S21	67	S17:S20
S22	67	IDPAT (sorted in duplicate/non-duplicate order)
S23	64	IDPAT (primary/non-duplicate records only)

>>>Format 69 is not valid in file 348

Set	Items	Description
S1	615	FLUSHTEST? OR FLUSH???? ?(2N)TEST???? ?
S2	2978145	PATH? ? OR PATHWAY? OR SCANPATH? OR SCANROUTE? OR ROUTE? ? OR PASSAGE? OR CHANNEL?
S3	155862	S2(5N)(EMPTY? OR EMPTIE? ? OR CLEAR???? ? OR PURG??? ? OR - VACUUM? OR EVACUAT? OR EXHAUST? OR DRAIN? OR VOID? OR SCRUB?)
S4	1834336	AUTOTEST? OR TEST???? ? OR BIST OR MBIST OR SELFTEST? OR S- ELFCHECK? OR SELFCHEQ? OR ABIST OR LBIST OR CHECK???? ? OR CH- EQU?
S5	5408954	PROCEDURE? OR PROCESS OR PROCESSES OR PROCESSED OR PROCESS- ING
S6	7336	(S1 OR S3)(10N)S4:S5
S7	976	(S1 OR S3)(10N)(DIAGNOS? OR SELFDIAGNOS? OR DX OR ANALYS? - OR ANALYZ? OR ANALYT? OR PFA OR ASSESSMENT? OR ASSESS??? ? OR EVALUAT?)
S8	332	(S1 OR S3)(10N)(APPRAIS? OR JUDGE????? ? OR JUDG????? ? OR STUDY? OR STUDIE? ? OR TROUBLESHOOT? OR TROUBLE()(SHOT OR SHO- OT?) OR DISSECT?)
S9	841506	CHIP OR CHIPS OR MICROCHIP? OR SCANCHAIN? OR SCAN()CHAIN? ? OR IC OR ICS OR SILICONCHIP? OR COMPUTERCHIP?
S10	812728	LATCH OR LATCHES OR WAFER? ? OR SEMICOND? ? OR SEMI()(COND? ? OR CONDUCT?R? ?) OR INTEGRATED()(CIRCUIT??? ? OR CKT? ?)
S11	55352	SHIFTREGIST? OR SHIFT()REGIST??? ?
S12	252514	FET OR FETS OR MOS OR CMOS OR JFET? OR MOSFET? OR FIELD()E- FFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)
S13	114	S6(25N)S7:S8
S14	11	S13(50N)S9:S12
S15	69	S7:S8(50N)S9:S12
S16	69	S14:S15
S17	42	S16 AND AC=US/PR AND AY=(1963:2004)/PR
S18	47	S16 AND AC=US AND AY=1963:2004
S19	47	S16 AND AC=US AND AY=(1963:2004)/PR
S20	51	S16 AND PY=1963:2004
S21	67	S17:S20
S22	67	IDPAT (sorted in duplicate/non-duplicate order)
S23	64	IDPAT (primary/non-duplicate records only)
S24	12	S1(25N)S9:S10
S25	23	S1(25N)(PATH? ? OR PATHWAY? OR SCANPATH? OR SCANROUTE? OR - ROUTE? ? OR PASSAGE?)
S26	31	S24:S25 NOT S16
S27	22	S26 AND AC=US/PR AND AY=(1963:2004)/PR
S28	22	S26 AND AC=US AND AY=1963:2004
S29	22	S26 AND AC=US AND AY=(1963:2004)/PR
S30	31	S26 AND PY=1963:2004
S31	31	S27:S30

File 2:INSPEC 1898-2006/Aug w2  
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 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
     (c) 2002 The Gale Group

Set	Items	Description
S1	487	FLUSHTEST? OR FLUSH???? ?(2N)TEST???? ?
S2	3675621	PATH? ? OR PATHWAY? OR SCANPATH? OR SCANROUTE? OR ROUTE? ? OR PASSAGE? OR CHANNEL?
S3	37794	S2(5N)(EMPTY? ? OR EMPTIE? ? OR CLEAR???? ? OR PURG??? ? OR - VACUUM? OR EVACUAT? OR EXHAUST? OR DRAIN? OR VOID? OR SCRUB?)
S4	7443122	AUTOTEST? OR TEST???? ? OR BIST OR MBIST OR SELFTEST? OR S- ELFCHECK? OR SELFCHEQ? OR ABIST OR LBIST OR CHECK???? ? OR CH- EQU?
S5	11347684	PROCEDURE? OR PROCESS OR PROCESSES OR PROCESSED OR PROCESS- ING
S6	2417	(S1 OR S3)(10N)S4:S5
S7	2013	(S1 OR S3)(10N)(DIAGNOS? OR SELFDIAGNOS? OR DX OR ANALYS? - OR ANALYZ? OR ANALYT? OR PFA OR ASSESSMENT? OR ASSESS??? ? OR EVALUAT?)
S8	1844	(S1 OR S3)(10N)(APPRaisal? OR JUDGE???? ? OR JUDG???? ? OR STUDY? OR STUDIE? ? OR TROUBLESHOOT? OR TROUBLE() (SHOT OR SHO- OT?) OR DISSECT?)
S9	737946	CHIP OR CHIPS OR MICROCHIP? OR SCANCHAIN? OR SCAN()CHAIN? ? OR IC OR ICS OR SILICONCHIP? OR COMPUTERCHIP?
S10	818459	LATCH OR LATCHES OR WAFER? ? OR SEMICOND? ? OR SEMI()(COND? ? OR CONDUCT?R? ?) OR INTEGRATED()(CIRCUIT??? ? OR CKT? ?)
S11	18223	SHIFTREGIST? OR SHIFT()REGIST???
S12	500773	FET OR FETS OR MOS OR CMOS OR JFET? OR MOSFET? OR FIELD()E- FFECT? ?() (DEVICE? ? OR TRANSIST?R? ?)
S13	289	S6 AND S7:S8
S14	30	S13 AND S9:S12

S15	684	S7:S8 AND S9:S12
S16	179	S7:S8 AND S9:S11
S17	177	S7:S8 AND S9:S10
S18	31	S15 NOT CHANNEL?
S19	57	S14 OR S18
S20	8	S19/2005:2006
S21	49	S19 NOT S20
S22	33	RD (unique items)
S23	67	S15 NOT DRAIN?
S24	9	S23/2005:2006
S25	34	S23 NOT (S24 OR S14 OR S18)
S26	22	RD (unique items)
S27	13	S1 AND S9:S10
S28	10	RD (unique items)
S29	0	S28/2005:2006

File 696:DIALOG Telecom. Newsletters 1995-2006/Aug 22  
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File 674:Computer News Fulltext 1989-2006/Aug w1  
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Set	Items	Description
S1	518	FLUSHTEST? OR FLUSH???? ?(2N)TEST???? ?
S2	5743018	PATH? ? OR PATHWAY? OR SCANPATH? OR SCANROUTE? OR ROUTE? ? OR PASSAGE? OR CHANNEL?
S3	129305	S2(5N)(EMPTY? OR EMPTYIE? ? OR CLEAR???? ? OR PURG??? ? OR - VACUUM? OR EVACUAT? OR EXHAUST? OR DRAIN? OR VOID? OR SCRUB?)
S4	7563602	AUTOTEST? OR TEST???? ? OR BIST OR MBIST OR SELFTEST? OR S- ELFCHECK? OR SELFCHEQ? OR ABIST OR LBIST OR CHECK???? ? OR CH- EQU?
S5	12038852	PROCEDURE? OR PROCESS OR PROCESSES OR PROCESSED OR PROCESS- ING
S6	4420	(S1 OR S3)(10N)S4:S5
S7	2213	(S1 OR S3)(10N)(DIAGNOS? OR SELFDIAGNOS? OR DX OR ANALYS? - OR ANALYZ? OR ANALYT? OR PFA OR ASSESSMENT? OR ASSESS??? ? OR EVALUAT?)

S8 947 (S1 OR S3)(10N)(APPRAIS? OR JUDGE????? ? OR JUDG????? ? OR  
STUDY? OR STUDIE? ? OR TROUBLESHOOT? OR TROUBLE()(SHOT OR SHO-  
OT?) OR DISSECT?)  
S9 1869992 CHIP OR CHIPS OR MICROCHIP? OR SCANCHAIN? OR SCAN()CHAIN? ?  
OR IC OR ICS OR SILICONCHIP? OR COMPUTERCHIP?  
S10 558298 LATCH OR LATCHES OR WAFER? ? OR SEMICOND? ? OR SEMI()(COND?  
? OR CONDUCT?R? ?) OR INTEGRATED()(CIRCUIT??? ? OR CKT? ?)  
S11 3029 SHIFTREGIST? OR SHIFT()REGIST?? ?  
S12 255136 FET OR FETS OR MOS OR CMOS OR JFET? OR MOSFET? OR FIELD()E-  
FFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)  
S13 163 S6(S)S7:S8  
S14 6 S13(S)S9:S12  
S15 61 S7:S8(S)S9:S12  
S16 61 S14:S15  
S17 4 S16/2005:2006  
S18 57 S16 NOT S17  
S19 36 RD (unique items)  
S20 0 S15 AND S1  
S21 6 S1(S)S9:S10  
S22 6 RD (unique items)

File 347:JAPIO Dec 1976-2005/Dec(updated 060404)  
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Set	Items	Description
S1	843	FLUSHTEST? OR SCANTEST? OR (FLUSH? OR SCAN???? ? OR SCANN?-???) (2N)TEST???? ?
S2	556816	PATH? ? OR PATHWAY? OR SCANPATH? OR SCANROUTE? OR ROUTE? ? OR PASSAGE? OR CHANNEL?
S3	31584	S2(5N)(EMPTY? OR EMPTIE? ? OR CLEAR???? ? OR PURG??? ? OR - VACUUM? OR EVACUAT? OR EXHAUST? OR DRAIN? OR VOID? OR SCRUB?)
S4	380528	AUTOTEST? OR TEST???? ? OR BIST OR MBIST OR SELFTEST? OR SELFCHECK? OR SELFSEQ? OR ABIST OR LBIST OR CHECK???? ? OR CHEQ?
S5	1883271	PROCEDURE? OR PROCESS OR PROCESSES OR PROCESSED OR PROCESSING
S6	1544	(S1 OR S3)(10N)S4:S5
S7	138	(S1 OR S3)(10N)(DIAGNOS? OR SELFDIAGNOS? OR DX OR ANALYS? - OR ANALYZ? OR ANALYT? OR PFA OR ASSESSMENT? OR ASSESS??? ? OR EVALUAT?)
S8	112	(S1 OR S3)(10N)(APPRAIS? OR JUDGE???? ? OR JUDG???? ? OR STUDY? OR STUDIE? ? OR TROUBLESHOOT? OR TROUBLE()(SHOT OR SHOOT?) OR DISSECT?)
S9	175540	CHIP OR CHIPS OR MICROCHIP? OR SCANCHAIN? OR SCAN()CHAIN? ? OR IC OR ICS OR SILICONCHIP? OR COMPUTERCHIP?
S10	184660	LATCH OR LATCHES OR WAFER? ? OR SEMICOND? ? OR SEMI()(COND? ? OR CONDUCT?R? ?) OR INTEGRATED()(CIRCUIT??? ? OR CKT? ?)
S11	16808	SHIFTREGIST? OR SHIFT()REGIST??? ?
S12	365273	FET OR FETS OR FED OR FEDS OR MOS OR CMOS OR JFET? OR MOSFET? OR FIELD()EFFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)
S13	43	S6 AND S7:S8
S14	20	S13 AND S9:S12
S15	34	S7:S8 AND S9:S12
S16	34	S14:S15
S17	0	S16 AND AC=US/PR AND AY=(1963:2004)/PR
S18	0	S16 AND AC=US AND AY=1963:2004
S19	0	S16 AND AC=US AND AY=(1963:2004)/PR
S20	31	S16 AND PY=1963:2004
S21	4	FLUSHTEST? OR FLUSH?(2N)TEST???? ?
S22	4	S21 NOT S16
	?	

File 347:JAPIO Dec 1976-2005/Dec(updated 060404)  
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File 348:EUROPEAN PATENTS 1978-2006/ 200633  
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File 349:PCT FULLTEXT 1979-2006/UB=20060817,UT=20060810  
(c) 2006 WIPO/Univentio  
File 350:Derwent WPIX 1963-2006/UD=200654  
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Set	Items	Description
S1	3	AU='BLASI C J':AU='BLASI CHARLES J'
S2	2	AU='BLASI, CHARLES J.'
S3	6	AU='BURDINE T M':AU='BURDINE TODD MICHAEL'
S4	6	AU='BURDINE, TODD M. ':AU='BURDINE, TODD MICHAEL'
S5	5	AU='FORLENZA O P':AU='FORLENZA ORAZIO PASQUALE'
S6	5	AU='FORLENZA, ORAZIO P. ':AU='FORLENZA, ORAZIO PASQUALE'
S7	10	S1:S6
S8	173886	FLUSH? OR FLUSHTEST? OR SCANTEST? OR (SCAN???? ? OR SCANN?- ??? ?)(2w)TEST???? ?
S9	3	S7 AND S8

>>>Format 69 is not valid in file 348